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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/007,713	11/13/2001	John Matthew Santosuosso	ROC920010222US1	6341

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EXAMINER
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NGUYEN, CAM LINH T

ART UNIT	PAPER NUMBER
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2161

DATE MAILED: 12/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/007,713

Applicant(s)

SANTOSUOSSO, JOHN  
MATTHEW

Examiner

CamLinh Nguyen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM  
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 August 2004.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-36 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-36 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Response to Amendment***

1. Applicant's amendments to claims 1 – 36 are acknowledged. Consequently, claims 1 – 36 are currently pending.

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 36 are rejected under 35 U.S.C. 102(e) as being anticipated by Smith et al (U.S. 6,578,078).

◆ As per claim 11,

Smith et al (U.S. 6,578,078) (herein Smith), discloses a method, a signal bearing medium, comprising a program which, when executed by a processor, performs an operation for updating a database, the operation comprising:

- “Receiving a change request from a web browser, the change request indicating the web browser has detected a change related to a web page for which information is stored in the database” See Fig. 1, col. 8, lines 65 – col. 9, lines 9, col. 13, lines 1 – 10. The RPE tracks/monitor the movement of data.
- “Updating a database in response to receiving a change request from a browser” See Fig. 1, element 10, 26, col. 13 lines 1 – 10, col. 14 lines 8 - 17. In particular:

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- “A change request” corresponds to the command from the author to move or delete a page.
- Because the author can use a computer as disclosed in Fig. 6, in which the author use a network connection to issue the command, therefore, the command is issued from a browser.

◆ As per claim 1

Smith et al (U.S. 6,578,078) (herein Smith), discloses a method, a signal bearing medium, comprising a program which, when executed by a processor, performs an operation for updating a database, the operation comprising:

- “Monitoring operation of a web browser program to detect an event indicating a change involving a web page for which information is stored in the database” See Fig. 1, col. 8, lines 65 – col. 9, lines 9, col. 13, lines 1 – 10. The RPE tracks/monitor the movement of data.
- “In response to the detecting such an event, sending a notification to the database containing the information causing the information to be updated in accordance with the change” See Fig. 1, element 10, 26, col. 12, lines 58 – 67, col. 13 lines 1 – 10, col. 14 lines 8 - 17. In particular:
  - “A change request” corresponds to the command from the author to move or delete a page.
  - Because the author can use a computer as disclosed in Fig. 6, in which the author use a network connection to issue the command, therefore, the command is issued from a browser.

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The Examiner notes that according to the online definition, the term “notification” means communication<sup>1</sup>. The RPE is communicated with the server to update the data or the address of the web page. Therefore, the RPE must notify the server in such event.

◆ As per claim 2, 12, 25,

- “Verifying whether a data table in the database allows automatic updates before sending the notification” see col. 13 lines 19 – 21, col. 18 lines 35 – 37.

◆ As per claim 3 – 4, 13 – 14,

- “Attaching the database to the web browser through a login process”. Because the computer used in Smith can be a network computer (col. 19 lines 1 – 19), the database can be located in local or remote location. The user must use the network connection to connect with the database using the login process (col. 20 lines 7 – 19). The system also provides an extra layer of security in order to gain access to the system or attach the database to the browser (See col. 5 lines 46 – col. 6 lines 10).
- “The browser resides on a client system and the database resides on a server system” See Fig. 6, col. 20 lines 20 – 33.

◆ As per claim 5 – 7, 15 – 17, 26, 31, 35,

- “The event comprises receiving, from a web server, a page redirect request to change a uniform resource locator (URL) or a web page from a first network address to a second network address” See Fig. 1, element 18 – 20, col. 13 lines 36 – 43.
- Smith also discloses a table to store URL and update this table when a new data is entered (See col. 11 lines 49 – 63).

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<sup>1</sup> See <http://thesaurus.reference.com/search?q=notification>

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- “The first and second network addresses are utilized as links on a web page” See col. 13, lines 50 – 65.

♦ As per claim 8 - 10, 18 – 20, 27 – 28, 32, 36

- “The event comprises a change in a web page” See Fig. 1, element 10.
- “The notification sent to the database contains sufficient information to update the database to reflect the change in the web page” col. 19 lines 1 – 19.

♦ As per claim 21, 29 – 30, 33 – 34,

With all limitation as claimed in claims 11, 1, further claim 21 includes a memory contains a database management system comprising a database update program. The “database update program” corresponds to the “Referential Preservation engine Database” See the abstract.

Claim 29 further includes a “list of network addresses” See col. 11 line 49 – 63.

Further claim 29 includes: “automatically accessing each network address on a list of network address referenced in the database” See Fig. 4, col. 13, lines 30 – 50.

♦ As per claim 22 - 23,

- “A network connection configured to allow communication with the browser via the Internet” See Fig. 6.

♦ As per claim 24,

- “The database update program is part of a database server” See col. 19 line 1 – 8.

### ***Response to Arguments***

2. Applicant's arguments filed 08/09/04 have been fully considered but they are not persuasive.

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Applicant argues that Smith does not teach monitoring operation of a web browser program to detect an event indicating a change. The Examiner respectfully disagrees.

Referring to Fig. 1, col. 8, lines 65 – col. 9, lines 9, col. 13, lines 1 – 10, and The RPE tracks the movement of data. According to online definition, the term monitoring has same meaning as tracking.

Applicant argues that Smith does not teach updating at least one table in a database containing information about a web page. The Examiner respectfully disagrees.

Referring to Fig. 1, element 10, 26, col. 11, lines 60 – 63, col. 12, lines 58 – 67, col. 13 lines 1 – 10, col. 14 lines 8 – 17, Smith teaches that the table entry must be updated as document moved or deleted.

Applicant argues that Smith does not teach automatically accessing each network address on a list of network addresses. The Examiner respectfully disagrees.

Claim 29 further includes a “list of network addresses” See col. 11 line 49 – 63.

Further claim 29 includes: “automatically accessing each network address on a list of network address referenced in the database” See Fig. 4, col. 13, lines 30 – 50.

### ***Conclusion***

3. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after

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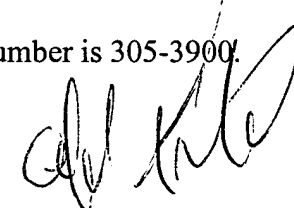
the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CamLinh Nguyen whose telephone number is (571) 272-4024. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on (571) 272-4023. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 305-3900.

LN



ALFORD KINDRED  
PRIMARY EXAMINER